

MAGNETIC STORM SUDDEN COMMENCEMENTS AND SOLAR FLARE EFFECTS (PRELIMINARY REPORT ON RAPID MAGNETIC VARIATIONS)

May 2002

Storm Sudden Commencements (SSC)			Solar Flare Effects (sfe)		
Day	Time	Quality: Station Group*	Day	Begin-End	Station(s)
10	1123	A: VAL* NAG* SPT* GUI B: SOD* NUR* NGK* BDV* CLF HRB* EBR HTY* CNB*	18	0700-0711	NAG
			20	1524-1542	NGK+ BDV+ GUI
			24	0640-0701	BDV
11	1014	A: VAL* CLF* NAG* SPT* GUI* B: BDV* HRB* MMB* EBR* KAK* HTY* KNY* HER C: SOD* NUR* NGK* LIV*			
18	2008	A: NGK VAL CLF HRB NAG* SPT* GUI HER B: BDV* EBR* HTY GNA* CNB* LIV			
20	0340	A: GUI* B: VAL NAG* EBR LIV* C: NUR NGK* BDV* CLF* HER			
21	2203	A: GUI* B: BDV HRB C: NGK* SPT* LIV*			
23	1050	A: CLF MMB EBR* SPT* KAK HTY KNY* GUI HER B: VAL* BDV* NAG* LIV C: NGK HRB			
30	0204	B: GUI LIV C: NGK BDV EBR			

REPORTING OBSERVATORIES (up to the 3rd of July 2002):

SOD NUR NGK VAL BDV CLF HRB NAG MMB EBR SPT KAK HTY KNY QTA GUI GNA HER CNB LIV

Three-letter codes identify each observatory. Reporting stations have been grouped by the character of the observed event. The letter A means very remarkable; B means fair, but unmistakable; C means very poor, doubtful; and - means no quality figure given. The * means that the SSC, at least in one component, was preceded by a small reversed impulse. SSCs are given only when five or more stations report the event. SFEs include all reports. If an SFE is confirmed by solar or ionospheric events, the name of the station is identified with a plus sign (+).

Note that we have included data of the Antarctic Station LIVINGSTONE (62° 39' 44" S, 60°23' 41" W) – Luis F.